INFORMATION DISCLOSURE		Atty. Docket No.: 115.00260101	OMB No. 0651-0 Page 4 o
			Serial No.: 10/034,780
STATEN	MENT	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212
4		Filing Date: Dec. 27, 2001	Group: 2614
JUL 2 2 2012 C		Information Disclosure Statement maile	d: July / (6_, 2002
Examiner		Document Description	, 2002
Stringa of surveilla 9(1):69-		et al., "Real-time video-shot detection for nee applications," <i>IEEE Transactions on</i> 19.	scene detection for scene Image Processing, 2000 lan
CU	Islamyrt	zis, A Bayesian Approach to Quality Con Statistics, Minneapolis, MN, August 200	

RECEIVED

JUL 2 4 2002

Technology Center 2600

Date Considered 01/04/05

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE	Atty. Docket No.:H0002442-02 (115.00260101)	Serial No.: 10/034,780	
STACTEMIENT	Applicant(s): PAVLIDIS et al.	Confirmation No.: 1212	
( DEC 3 0 2002 (C)	Application Filing Date: 12/27/01	Group: 2614	
(E)	Information Disclosure Statement mailed:		
TR OV C.			

## **U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CU	5,557,684	9/17/96	Wang et al.			
CU	5,657,073	08/12/97	Henley			
CU	5,689,611	11/18/97	Hamada et al.		DEOF	\(\( \bar{\bar{\bar{\bar{\bar{\bar{\bar{
CU	5,764,283	6/9/98	Pingali et al.		RECE	IVED
CU	5,966,074	10/12/99	Baxter		JAN 0	2 2003
CU	6,184,792	2/6/01	Privalov et al.	Te	chnology (	enter 2600

## FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date	Country	Class	Subclass	Trans	lation
Initial	 					Yes	No
CU	93 05488 A	3/18/93	wo				
CU	 0884897 A	12/16/98	EP				
CU	00 33253 A	6/8/00	wo				
CLL	0 986 036 A	3/15/00	EP				
CU	1061487 A	12/20/00	EP				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
Tilliar	

EXAMINER	Date Considered
lui hum	01/04/05
*Examiner: Initial if citation considered, whether or not citation is i conformance and not considered. Include copy of this form with nex	

INFORMATION	Atty. Docket No.: 115.00260101	Serial No.: 10/034,780
DISCLOSURE	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212
STATEMENT	Filing Date: Dec. 27, 2001	Group: 2614
10118	Information Disclosure Statement mailed:	July <u>16</u> , 2002

JUL 2 5 5005 (2)

**U.S. PATENT DOCUMENTS** 

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							
Examine PA	DEMARY	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None			REC	EIVED	
					JUL 2	4 2002	

FOREIGN PATENT DOCUMENTS Technology Center 2600

	<u>slation</u>
Yes	No
	<u> </u>
_	

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
CL	Anderson et al., "Change detection and tracking using pyramid transform techniques," Intelligent Robots and Computer Vision: Proceedings of SPIE – The International Society for Optical Engineering, 1985; 579:72-78.
eu	Blackman, Multiple-Target Tracking with Radar Applications, 1986, Artech House, Dedham, MA, Cover page, Publication page, and Table of Contents only. (7 pgs.).
4(	Buntine, "Learning classification trees," Statistics and Computing, 1992; 2:63-73.
CLL	Collins et al., "A system for video surveillance and monitoring: Vsam final report," <i>Tech. Rep. CMU-RI-TR-00-12</i> , Robotics Institute, Carnegie Mellon Univ., Pittsburgh, PA, 2000, 1-68.
Ш	Comaniciu et al., "Real-time tracking of non-rigid objects using mean shift," Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition, Hilton Head Island, SC, 2000 June 13-15; 2:142-149.
CU	Cox et al., "An efficient implementation of Reid's multiple hypothesis tracking algorithm and its evaluation for the purpose of visual tracking," <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1996; 18(2):138-150.

EXAMINER	Date Considered
Chi -	01/04/05
	to appropriate the standard front in

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OMB No. 0651-0011 Page 2 of 4

INFORMATION	Atty. Docket No.: 115.00260101	Serial No.: 10/034,780	
DISCLOSURE	Applicant: Ioannis Pavlidis et al.	Confirmation No.: 1212	
<b>GTATEMENT</b>	Filing Date: Dec. 27, 2001	Group: 2614	
JUL 2 2 2000 CC	Information Disclosure Statement mailed:	July <u>16</u> , 2002	

Axaminer KY	Document Description	
Ш	Dempster et al., "Maximum likelihood from incomplete data via the <i>EM</i> algorithm (with discussion)," <i>Journal of the Royal Statistical Society B</i> , 1977; 39(1):1-38.	
СЦ	Elgammal et al., "Non-parametric model for background subtraction," <i>Computer Vision – ECCV 2000</i> , Vernon, ed., Springer-Verlag, Berlin Heidelberg, 751-767.	
cu	Gao et al., "Error analysis of background adaptation," Proceedings 2000 IEEE Conference on Computer Vision and Pattern Recognition, Hilton Head Island, SC, 2000 June; 1:503-510.	/ED
СИ	Grimson et al., "Using adaptive tracking to classify and monitor activities in a site," Proceedings 1998 IEEE Conference on Computer Vision and Pattern Recognition, Santa Barbara, CA, 1998 June 23-25; 22-29.	2002 nter 2600
Си	Haritaoglu et al., "W <sup>4</sup> S: A real-time system for detecting and tracking people in 2 1/2d," <i>Proceedings 5<sup>th</sup> European Conference on Comupter Vision</i> , 1998 June 2-6; Freiburg, Germany, 1:877-892.	
CLL	Hartley et al., Multiple View Geometry in Computer Vision, 2000, Cambridge UP, Cover pg., Publication pg., and 69-116.	
cu	Horn, Robot Vision, The MIT Press, Cambridge, Mass., 1986; Cover page, Publication page, Table of Contents, and 66-69.	
CU	Jeffreys, <i>Theory of Probability</i> , Univ. Press, Oxford, 1948, Cover page, Publication page, and Table of Contents only. (4 pgs.)	
ac	Kanade et al., "Advances in cooperative multi-sensor video surveillance," Proceedings DARPA Image Understanding Workshop, 1998 Nov. 20-23; Monterey Cali., 3-24.	
cu cu cu cu	Kanatani, "Optimal homography computation with a reliability measure," Proceedings of the IAPR Workshop on Machine Vision Applications, 1998 Nov. 17-19; Makuhari, Chiba, Japan:426-429.	
cu	Kanatani, Statistical Optimization for Geometric Computer Vision: Theory and Practice, 1996, Elsevier Science, Amsterdam, Netherlands, Cover page, Publication page, and Table of Contents only. (7 pgs.).	

EXAMINER	Date Considered			
Chin	01/04/05			
*Framiner: Initial if citation considered, whether or not citation is in conformance with MPFP 609. Draw line through citation if not in				

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION Atty. Docket No.: 115.00260101	OMB No. 0651-0011 Page 3 of 4
STATEMENT Applicant: Ioannis Pavlidia	Serial No.: 10/034,780
Filing Date: Dec. 27, 2001	Confirmation No.: 1212 Group: 2614
# Information Disclosure Statement	July 16, 2002

Initial	Document Description
24	Lee et al., "Monitoring activities from multiple video streams: Establishing a common coordinate frame," IEEE Transactions on Pattern Analysis and
CL	Lin, "Divergence measures based on the shannon entropy," <i>IEEE Transactions</i> Mol 2-1:
24	McLachlan et al., Mixture Models Interference and Applications to Clustering 1988, Marcel Dekker, New York
Z	Oliver et al., "A bayesian computer vision system for modeling human Jul 24 2000 Aug.; 22(8):831-843.
4	Ormoneit et al., "Learning and tracking human motion using functional analysis,"  Hilton Head Island, SC, 2000 June; 2-9. (8 pgs.).
4	Commercial World," IEEE Proceedings, 2001.
	Ratches, "Aided and automatic target recognition based upon sensory inputs from Intelligence, 1997; 19(9):1004-1019.
4	Reid, "An algorithm for tracking multiple targets," <i>IEEE Transactions on Automatic Control</i> , 1979; 24(6):843-854.
	Sacchi et al., "A distributed surveillance system for detection of abandoned objects in unmanned railway environments," <i>IEEE Transactions on Vehicular</i> Technology, 2000 Sept.; 49(5):2013-2026
	Stauffer et al., "Adaptive background mixture models for real-time tracking,"  Proceedings 1999 IEEE Conference on Computer Vision and Pattern  Recognition, Fort Collins, Col., 1999 June 23 25 2 25 2 25 2 25 2 25 2 25 2
	Stauffer et al., "Learning patterns of activity using real-time tracking," IEEE Transactions on Pattern Analysis and Machine Intelligence, 2000; 22(8):747-

EXAMINER	
	Date Considered
*Examiner India to	01/04/05
*Examiner: Initial if citation considered, whether or not citation is in corconformance and not considered. Include copy of this form with next considered.	nformance with MPEP 600, Day
y with next con	nmunication to applicant.